~ ANTIDOTES ~

Bedfordshire Hospitals NHS Foundation Trust

Specialist information and advice on the treatment of poisoning is available from the UK National Poisons Information Service, NPIS (Via Toxbase® – 0344 892 0111)

(The local Ambulance Service will provide some antidote supplies (PODS) for Major Incidents)

Antidote	Causative agent	Location	Quantity
Acetylcysteine 2g in 10ml injection	**Paracetamol**	**A&E antidote cupboard** **Emergency cupboard (EDC)**	**50 amps** **10 amps**
Andexanet Alpha 4 x 200mg vials (~£11,000/pack)	**Reversal of life-threatening bleeding from Apixaban / Rivaroxaban**	**MUST D/W with haematology / NPIS & use local guidance**	**3 Packs of 4 vials** **(EDC- Fridge)**
Atropine 600mcg in 10ml	**Organophosphorus / carbamate insecticides** **Bradycardia**	**A&E - Stock item**	**10 amps**
Calcium Chloride 10mmol in 10ml	**Calcium channel blockers** **Systemic effects of hydrofluoric acid**	**A&E - Stock item**	**6 amps**
Calcium Gluconate 10ml 10%	**Local Infiltration for hydrofluoric acid**	**A&E - Stock item**	**10 amps**
Calcium gluconate Gel	**Hydrofluoric acid**	**A&E antidote cupboard**	**12 tubes**
Calcium folinate (Folinic Acid) 350mg in 35ml (10mg/ml)	**Methotrexate, methanol, formic acid** ǂ (Other strengths may be substituted)	**EDC – Fridge** (Also called Leucovorin)	**3 amps (350mg) ǂ** **70amps(50mg/5ml)**
Charcoal, Activated 250ml solution	**Absorption of poisons in the gastro-intestinal system**	**A&E antidote cupboard**	**7 packs**
Cyproheptadine 4mg tablets	**Serotonin syndrome**	**Emergency cupboard**	**30 tablets***
Dantrolene 20mg Vial	**Neuroleptic Malignant Syndrome (NMS)** **For other drug related Hyperpyrexia** **Seek NPIS advice**	**Theatres (Recovery) (1-6, A-H, Maternity & Dental/OMFS)** **Emergency cupboard**	**12 vials each Theatre** **24 vials**
Desferrioxamine 2g injection	**Iron** **Chronic iron overload**	**A&E antidote cupboard** **Emergency cupboard**	**5 vials** **5 vials**
DigiFab® 40mg vial	**Digoxin (NB. Bedford Hospitals may access this stock)**	**EDC - Fridge**	**5 vials**
Ethanol 100% (Absolute alcohol) 5ml injection	**Ethylene glycol / Methanol** **NB.Fomepizole = agent of choice**	**A&E antidote cupboard** **Emergency cupboard**	**60 amps*** **60 amps***
Flumazenil 500mcg in 5ml injection	**Benzodiazepines (on expert advice only)** **CI in mixed TCA / Benzodiazepine OD**	**A&E antidote cupboard** **Emergency cupboard**	**10 amps** **5 amps**
Fomepizole 100mg in 20ml injection	**Ethylene glycol / Methanol** **= Antidote of choice**	**A&E antidote cupboard**	**25 amps*** **(or 1.5g x 4)**
Glucagon 1mg injection	**Beta-blockers**	**A&E – Fridge** **Emergency Cupboard** **ITU 1 and ITU 2 (W6)**	**20 vials** **10 vials** **30 vials each**
Hydroxocobalamin (Cyanokit®)	**Cyanide (Smoke inhalation)**	**A&E antidote cupboard**	**2 x 5g**
Idarucizumab (Praxbind®) 2.5g in 50ml (~£2,400/pack)	**Life threatening bleeding (Dabigatran)** **MUST consult Haematology & NPIS**	**A&E - Fridge** **EDC - Fridge**	**2 vials (1 pack)** **2 vials (1 pack)**
Maqcrogol '3350' Sachets ***Klean-Prep®*** (Polyethylene glycol)	**Gut decontamination for drugs not bound by charcoal, eg. iron / lithium / Body-packers**	**A&E antidote cupboard**	**12 sachets**
L-Carnitine 1g in 5ml	**Severe Sodium valproate toxicity**	**EDC - Fridge**	**14 amps**
Lipid Rescue Kit (Intralipid 20%) – see LDH intranet guideline/ www.aagbi.org /www.lipidrescue.org	**LA Toxicity (Lidocaine, Bupivacaine)** **(Always seek NPIS guidance for other poisonings)**	**Theatre Recovery Units / A&E Antidote cupboard / EDC / W23**	**1 kit each Location & 2 spare 20%bags antidote cupboard**
MESNA 1g in 10ml	**Cyclophosphamide**	**Emergency cupboard**	**10 amps**
Methylthioninium chloride (Methylene blue) 0.5% injection (50mg in 10ml)	**Prilocaine** **Methaemoglobinaemia due to cyanide poisoning**	**A&E antidote cupboard** **ITU**	**10 amps** **10 amps**
Naloxone 400mcg in 1ml injection	**Opioids**	**A&E antidote cupboard** **ITU 1, ITU 2, Cardiac Arrest trolleys**	**30 amps** **10 amps**
Octreotide 50mcg in 1ml	**Sulphonylureas**	**EDC - Fridge**	**5 amps**
Phentolamine mesilate 10mg in 1ml injection (or 5mg in 1ml if not available)	**Noradrenaline extravasation (Peripheral)** **See local or National policy**	**A&E – Fridge** **EDC – Fridge** **ITU – Fridge**	**5 amps*** **5 amps*** **5 amps**
Phytomenadione (Vitamin K1) 10mg/ml x 1ml	**Vitamin K dependant anticoagulants** (Larger/prolonged doses for long acting anticoagulants)	**A&E Resuscitation area stock cupboards (amps)**	**10 amps** **2 tablets (EDC)**
Pralidoxime chloride 1g in 20ml injection	**Organophosphorus insecticide / nerve agent** **(LDH = Regional holding Centre)**	**A&E antidote cupboard**	**24 vials**
Procyclidine 10mg in 2ml injection	**Drug-induced dystonic reactions**	**A&E antidote cupboard**	**5 amps**
Protamine sulphate 50mg in 5ml	**Heparin**	**Theatres, ITU, ITU 2 (W6)**	**10 amps each**
Pyridoxine 100mg in 2ml injection	**Isoniazid**	**A&E antidote cupboard**	**50 amps**
Sodium bicarbonate 1.26% / 8.4% infusion	**TCA's & class Ia and Ic antiarrhythmics** **Urinary alkalisation**	**A&E – IV fluids** **Emergency cupboard / ITU**	**4 x 8.4%*** **(≥ 500ml Total)** **12 x 1.26%**
Sodium thiosulphate 25% injection (12.5g in 50ml)	**Cyanide**	**A&E antidote cupboard**	**10 amps***
Sugammadex 100mg in 1ml (x 2ml or 5ml)	**Reversal of NM blockade (Rocuronium, vecuronium)**	**Theatres (A–H, 1-6, Maternity, Dental/OMFS)**	**10 x 2ml amps in Each location**
Viper Anti-venom, European (Antiserum) ViperaTAb	**Snake bites – European Adder (*Viper berus*)**	**A&E – Fridge**	**2 packs (4 Vials)**

These items have been subject to supply issues within the last 12 months, so any / full quantities may not be available **Sue Lee, Pharmacy Department, March 2022**

☐ **Category A;** ☐ **Category B; Category C** Drugs are held Supra-Regionally by 8 hospitals only and use should ***always*** be discussed with NPIS - (Prussian Blue [Berlin Blue], Botulinum antitoxin, Glucarpidase, Pralidoxime, Sodium Calcium Edetate, Succimer (DMSA), Unithiol (DMPS), Uridine triacetate) **LDH** and **Bedford** hospitals are additional holding centres for **pralidoxime; Bedford** is an additional holding centre for **Botulinum Anti-toxin**